| | L# | Hits | Search Text | DBs | Time Stamp |
|---|----|-----------|--|---|----------------------|
| 1 | L1 | 3344 0 | silicon\$2 or siloxane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:18 |
| 2 | L2 | 70 | (sulfo adj polyester or sulfopolyester) adj3 (polyurethane or urethane) or (sulfo or sulfonated) adj3 (polyester or ester) adj3 (polyurethane) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 06:45 |
| 3 | L3 | 1147 | (polyester or ester) adj3 (polyurethane or urethane) near10 (structure or formula) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:22 |
| 4 | L4 | 10 | 1 and 2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 06:45 |
| 5 | L5 | 45 | 1 and 3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:21 |
| 6 | L7 | 14 | (4 5) and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 06:50 |
| 7 | L6 | 281 | (2 3) and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 06:51 |
| 8 | L8 | 2 | 2 near10 (structure or formula) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 06:58 |
| 9 | L9 | 111 | (polyester or ester) adj3 (polyurethane or urethane) same 1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:02 |

| • | | L # | Hits | Search Text | DBs | Tim Stamp |
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| | 10 | L10 | 196 | (polyester or ester) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:02 |
| | 11 | L11 | 182. | 10 not 6 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:08 |
| | 12 | L12 | 19 | polyurethane and sulfonated adj polyester adj polyol | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:08 |
| | 13 | L13 | 4744 | (terminat\$3 or terminus | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:14 |
| | 14 | L14 | 347 | 13 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:15 |
| | 15 | L15 | 28 | 13 and ink.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:16 |
| - | 16 | L16 | 2 | wo-9521206-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:16 |
| | 17 | L18 | 6 | 17 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:18 |
| | 18 | L17 | 141 | silicon\$2 or siloxane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:19 |

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|----|----|-----|------|---|---|----------------------|
| | L | # 1 | Hits | Search Text | DBs | Time Stamp |
| 19 | L1 | 9] | 10 | 5 and shear | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:25 |
| 20 | L2 | 0 | 190 | (polymer or resin) near10 shear near5 (deformable or deformation or dichroism or dichroic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:32 |
| 21 | L2 | 1 | 13 | 20 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:26 |
| 22 | L2 | 3 : | 1 | 22 and self adj crosslinking | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:50 |
| 23 | L2 | 2 2 | 213 | (polymer or resin or polyester or polyester or polyurethane) near10 shear near5 (deformable or deformation or deform) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:51 |
| 24 | L2 | 4 2 | 292 | (polymer or resin or polyester or polyurethane) near10 shear adj thinning | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:41 |
| 25 | L2 | 5 4 | 42 | 24 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:48 |
| 26 | L2 | 6 2 | 2 | jp-57049678-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:49 |
| 27 | L2 | 7 (| 0 | (2 or 3) same (self adj (crosslink\$3 or cross adj link\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:49 |
| 28 | L2 | 8 | 1 | shear adj deformable near5 (polymer or resin) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:50 |

| | | L # | Hits | Search Text | DBs | Time Stamp |
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| | 29 | L29 | 9 | shear adj deform\$4 near5 (polymer or resin) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:50 |
| | 30 | L30 | 514 | (polymer or resin or polyester or polyurethane) near10 self adj crosslinking | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:58 |
| · | 31 | L31 | 90 | 30 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:05 |
| | 32. | L32 | 1 | 31 and (shear near5 (thinning or deformation or deformable)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:52 |
| | 33. | L33 | 484 | (polymer or resin or polyester or polyurethane) near5 self adj crosslinking | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 07:58 |
| | 34 | L34 | 15 | polyurethane near10 (shear near5 (thinning or deformation or deformable or deform)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:06 |
| - | 35 | L35 | 47 | polyurethane and (sulfonated or sulfonate or sulfonic) near5 polyester adj polyol | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:12 |
| | 36 | L36 | 393 | sulfourethane or sulfopolyurethane or sulfonated near5 polyurethane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:12 |
| | 37 | L37 | 11 | 36 near10 (structure or formula) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:13 |
| | 38 | L38 | 15 | sulfonated near5 polyester adj (diol or polyol) same diisocyanate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:16 |

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| | L # | Hits | S arch Text | DBs | Tim Stamp |
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| 39 | L39 | 6084 | aminoalkyltrialkoxysila ne or aminopropyltriethoxysil ane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:15 |
| 40 | L40 | 1 | 38 and 1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:15 |
| 41 | L41 | 1 | 38 and 39 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:15 |
| 42 | L42 | 26 | sulfonated near5 polyester adj (diol or polyol) and diisocyanate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:20 |
| 43 | L43 | 7 | 42 and (1 or 39 or alkoxysilane or silane) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:20 |
| 44 | L44 | 1930 | (1 or 39 or alkoxysilane or silane) and polyester adj (diol or polyol) and diisocyanate | | 2003/08/ 12 08:23 |
| 45 | L45 | 57 · | (1 or 39 or alkoxysilane or silane) same polyester adj (diol or polyol) same diisocyanate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:22 |
| 46 | L46 | 55 | 44 and (inkjet or ink near3 jet) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:27 |
| 47 | L48 | 1692 | \$15silane and polyester adj (diol or polyol) and diisocyanate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:30 |
| 48 | L49 | 1209 | ((523/160) or (523/161)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:25 |

| | L # | Hits | Search Text | DBs | Time Stamp |
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| 49 | L50 | 0 | 48 and 49 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:25 |
| 50 | L52 | 57 | 48 and (inkjet or ink near3 jet) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:28 |
| 51 | L53 | 477 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:31 |
| 52 | L54 | 133 | 53 and ink | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:35 |
| 53 | L56 | 273 | 1 and 48 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:35 |
| 54 | L55 | 88 | 1 and 53 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:37 |
| 55 | L57 | 31 | 55 and (sulfonat\$3 or sulfonic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:49 |
| 56 | L58 | 0 | 6437041.URPN. | USPAT | 2003/08/ 12 08:48 |
| 57 | L59 | 6 | ("4373043" "5670600" "5681622" "5760123" "5876802" "5886082").PN. | USPAT | 2003/08/ 12 08:49 |
| 58 | L60 | 2 | wo-9521206-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:50 |
| 59 | L61 | 2 | ("5750630").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 08:50 |

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| | L # | Hits | Search Text | DBs | Time Stamp |
|----|-----|------------|---|---|----------------------|
| 60 | L62 | 2 | ("5747626").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/12 09:48 |
| 61 | L63 | 1 | 62 and viscosity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 09:49 |
| 62 | L64 | 22 | tamol adj "681" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 09:52 |
| 63 | L65 | 0 | 62 and dye | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:10 |
| 64 | L66 | 1250 99 | inkjet or ink near3 jet | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ |
| 65 | L67 | 19 | 2 and 66 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/12 10:13 |
| 66 | L68 | 42 | 66 and 36 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:14 |
| 67 | L69 | 5251 | (ionic or soluble) near5 polyurethane or ionomer\$2 near5 polyurethane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:15 |
| 68 | L70 | 204 | 66 and 69 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:15 |
| 69 | L71 | 1468 | (polyester or ester) adj3 (polyurethane or urethane) and 66 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/08/ 12 10:22 |

| | L# | Hits | Search T xt | DBs | Time Stamp |
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| 70 | L72 | 723 | 71 and viscosity and (pigment or dye) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:33 |
| 71 | L73 | 174 | 72 and 66.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:23 |
| 72 | L74 | 121 | 71 and viscosity near5 (mpas! or cp! or cps! or mpa!) and (pigment or dye) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:29 |
| 73 | L75 | 40 | 74 and (ink near3 set or two near5 ink) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:34 |
| 74 | L76 | 47 | 71 and viscosity near5 shear and (pigment or dye) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:32 |
| 75 | L77 | 2557 7 | 66 and (pigment or dye) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:33 |
| 76 | L78 | 1801 | 77 and humectant | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 11:19 |
| 77 | L79 | 561 | 78 and acrylic near5 (polymer or resin or dispersant) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:34 |
| 78 | L80 | 240 | 79 and (ink near3 set or two near5 ink) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:35 |
| 79 | L81 | 97 | 80 and polyurethane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 10:35 |

| | L # | Hits | Search Text | DBs | Tim Stamp |
|----|-----|-----------|--|---|----------------------|
| 80 | L82 | 1079 5 | ink near3 set | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 11:13 |
| 81 | L83 | 63 | 82 and thermoplastic near5 (resin or polymer) same polyurethane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 11:19 |
| 82 | L84 | 766 | 82 and polyurethane | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 11:19 |
| 83 | L85 | 81 | 84 and humectant | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/ 12 11:20 |